

## EAST Search History

Ref, #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	283	seismic and data and processing and ((P or S) adj wave\$3) and (arrival adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 11:35
S2	27	S1 and (P with S with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 18:31
S3	5	S1 and (P with S with ratio) and microseismic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 18:31
S4	6	"4881209".pn. "4596005".pn. "6067275".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:11
S5	51	seismic and Vp/Vs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:11
S6	6	seismic and Vs/Vp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:11
S7	54	S5 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:11
S8	1	S7 and ((arrival adj time) with pick\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:13

## EAST Search History

S9	13	S7 and (arrival adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:13
S10	320	367/38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:53
S11	307	367/75.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:57
S12	2	"6731568"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:02
S13	129	367/46.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:04
S14	132	702/18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:04
S15	21	seismic and Vp/Vs and (time with (pick or estimate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:55
S16	1	jones.in. and seismic and vp/vs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:59

## EAST Search History

S17	2	"6639871"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:59
S18	132	seismic and (P with S with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 10:41
S19	46	seismic and (Vp with Vs with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 10:41
S20	54	seismic and (Vp/Vs or Vs/Vp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 10:41
S21	166	S18 S19 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 10:41
S22	5	("4686657"   "5132938"   "6574563"   "6640190"   "6757217").PN. OR ("7082368").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 11:33
S23	11	("5010527"   "5377104"   "5574218"   "5747750"   "5771170"   "5774419"   "5917160"   "5934373"   "5963508"   "5996726"   "6049508").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 12:38
S24	82	S21 and ((event or arrival) with time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 12:38
S25	10	("4596005"   "4597066"   "4611311").PN. OR ("4881209"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 13:01

## EAST Search History

S26	1	earthquake and (origin adj time) and Vp/Vs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:25
S27	1	((origin or start) adj time) same (interpolat\$4 or extrapolat\$4)) and ((Vp/Vs) or (P with S with ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:27
S28	41	702/15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:27
S29	0	702/15.ccls. and Vp/Vs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:27
S30	0	702/15.ccls. and (velocity near3 ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:27
S31	6	((origin or start) adj time) same (interpolat\$4 or extrapolat\$4)) and (seismic or microseismic or geophysic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:36
S32	21	702/14.ccls. and Vp/Vs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:37
S33	4	702/14.ccls. and Vs/Vp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:37

## EAST Search History

S34	22	S32 S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:37
S35	0	702/15.ccls. and Vs/Vp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:37
S36	0	702/15.ccls. and (velocity adj ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 13:37
S37	11	("4577297"   "4736347"   "4881209"   "4964088"   "5579282"   "5587968"   "5999489"   "6067275"   "6128580").PN. OR ("6611764"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 15:44